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NEW QUESTION 101 Which address is a MAC address that is mapped from an IPv6 address (RFC 2464)?

A. 3333.FF17.FC0F B. FFFE. FF17.FC0F C.

FF34.3333.FF17 D. FF7E.FF17.FC0F Answer: A NEW QUESTION 102 Which multicast protocol uses source trees and RPF? A. DVMRP B. PIM sparse mode C. CBT D. MOSPF Answer: A NEW QUESTION 103 What is the function of the command ip pim autorp listener? A. It allows a border PIM sparse mode router to accept autorp information from another autonomous system. B. It allows the mapping agents to accept autorp information from the PIM rendezvous point. C. It allows the routers to flood the autorp information in a sparse-mode-only network.

D. It allows a BSR to accept autorp information and translate it into BSR messages. Answer: C NEW QUESTION 104 Refer to the exhibit. Which statement is true about why the first-hop PIM IPv6 router is stuck in registering?

(2001:db8

A. The scope of the IPv6 multicast address is link-local. B. The outgoing interface for the IPv6 multicast group should not be a tunnel interface. C. The R-bit is set in the IPv6 address, but this is not an embedded RP multicast IPv6 address. D. The S flag should not be set on a first-hop PIM router. E. A multicast IPv6 address does not start with FF. Answer: C NEW QUESTION 105 Refer to the exhibit.

Which option is the result of this configuration?



A. All SNMP traffic coming into the router is redirected to interface GigabitEthernet1/0.

B. All SNMP traffic generated from the router is redirected to interface GigabitEthernet1/0.

C. All SMTP traffic generated from the router is redirected to interface GigabitEthernet1/0.

D. All POP3 traffic coming into the router is redirected to interface GigabitEthernet1/0.

E. All SMTP traffic coming into the router is redirected to interface GigabitEthernet1/0. Answer: C NEW QUESTION 106 Which three statements about EIGRP and BFD are true? (Choose three.) A. BFD is

independent of the routing protocol, so it can be used as a generic failure detection mechanism for EIGRP.

B. Some parts of BFD can be distributed to the data plane, so it can be less CPU-intensive than reduced timers, which exist wholly at the control plane. C. Reduced EIGRP timers have an absolute minimum detection timer of 1-2 seconds; BFD can provide sub-second failure detection. D. BFD is tied to specific routing protocols and can be used for generic fault detection for the OSPF, EIGRP, and BGP routing protocols.

E. BFD is dependent on the EIGRP routing protocol, so it can be used as a specific failure detection mechanism. F. BFD resides on the control plane, so it is less CPU-intensive than if it resided on the data plane. Answer: ABC NEW QUESTION 107 You are implementing new addressing with EIGRP routing and must use secondary addresses, which are missing from the routing table. Which action is the most efficient solution to the problem?

A. Disable split-horizon on the interfaces with secondary addresses. B. Disable split-horizon inside the EIGRP process on the router with the secondary interface addresses. C. Add additional router interfaces and move the secondary addresses to the new interfaces. D. Use a different routing protocol and redistribute the routes between EIGRP and the new protocol. Answer: A NEW QUESTION 108 Refer to the exhibit. Which two options are possible states for the interface configured with the given OSPFv3 authentication? (Choose two.)

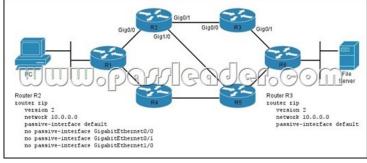
A. GOING UP B. DOWN C. UNCONFIGURED D. GOING DOWN Answer: AB NEW QUESTION 109 Refer to the exhibit. The device with this configuration is unable to reach network 172.31.31.0/24. The next hop router has been verified to have full connectivity to the network. Which two actions can you take to establish connectivity to the network? (Choose two.)

A. Create a static route to 172.16.199.0 using the address of the next hop router. B. Create a default route to the link address of the next hop router. C. Create a static route to the loopback address of the next hop router. D. Create a default route to 172.16.199.9. E. Modify the existing static route so that the next hop is 0.0.0.0. F. Replace the ip default-network command with the ip default-gateway command. Answer: AB NEW QUESTION 110 Which algorithm heavily influenced the algorithm used by path-vector protocols? A. Bellman-Ford B. SPF C. DUAL D. Spanning-Tree E. Adaptive F. Deflection Answer: A



http://www.passleader.com/400-101.html NEW QUESTION 111 Refer to the exhibit. All of the routers on this network are running RIP. If you edit the R3 RIP process configuration to reduce the number of hops from R3 to R1, which statement about the

configuration change is true?



A. Configuring no passive-interface for GigabitEthernet0/0 in the R3 RIP process reduces the number of hops to R1 by 2. B. Configuring no passive-interface for GigabitEthernet0/0 in the R3 RIP process reduces the number of hops to R1 by 1. C. Configuring no passive-interface for GigabitEthernet0/1 in the R3 RIP process reduces the number of hops to R1 by 3. D. Configuring no passive-interface for GigabitEthernet0/1 in the R3 RIP process reduces the number of hops to R1 by 1. Answer: A NEW QUESTION 112 Where should the passive-interface command be used? A. Under the routing process for interfaces that need to be routed, but prevented from peering B. under the interface configuration for interfaces that need to be routed, but prevented from peering

D. under the interface configuration for interfaces that need to be routed and allowed to peer E. under the VTY configuration within global configuration mode Answer: A NEW QUESTION 113 Refer

to the exhibit. Which statement about the device routing table is true?

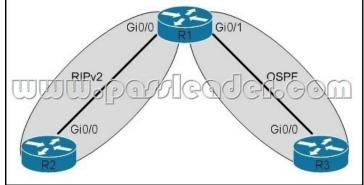
ip prefix-list EIGRP-ROUTES seq 5 permit 10.10.10.0/24 le 32 ip prefix-list OUTBOUND seq 5 permit 192.168.168.1/32 router eigrpp 65533 permit 192.168.168.0 0.0.255.255 network 192.168.168.0 0.0.255.255 distribute-list prefix EIGRP-ROUTES gateway OUTBOUND in

A. Only networks 10.10.10.0/24 and smaller from host 192.168.168.1 are in the routing table.

B. Only networks 10.10.10.0/24 and larger from host 192.168.168.1 are in the routing table.

C. Only network 10.10.10.0/24 from host 192.168.168.1 is in the routing table.

D. MEW QUESTION 114 Refer to the exhibit. R1 is performing mutual redistribution, but OSPF routes from R3 are unable to reach R2. Which three options are possible reasons for this behavior? (Choose three.)



A. R1 requires a seed metric to redistribute RIP. B. The RIP version supports only classful subnet masks. C. R1 is filtering OSPF routes when redistributing into RIP. D. R3 and R1 have the same router ID. E. R1 and R3 have an MTU mismatch. F. R2 is configured to offset OSPF routes with a metric of 16. Answer: ACF NEW QUESTION 115 Refer to the exhibit. If the downstream router has a summary route configured, which two actions must you take on the local router to create the summary route that summarizes all routes from the downstream router? (Choose two.)

Rl#sh ip eigrp 1 topology all
IP-EIGRP Topology Table for AS(1)/ID(10.1
Codes: P - Passive, A - Active, U - Updater - reply Status, s - sia Status

P 10.8 1.0/24, D speceebre, Ph is 153180
via 10.1.1.1 (156160/128256), FastEther
P 10.1.1.0/24, 1 successors, FD is 28160,
via Connected, FastEthernet1/0
P 10.6.1.0/24, 1 successors, FD is 156160
via 10.1.1.1 (156160/128256), FastEther

A. Configure the summary address on the interface. B. Use 10.0.0.0 255.248.0.0 as the summary route. C. Configure the summary address in the EIGRP process. D. Use 10.0.0.0 255.252.0.0 as the summary route. E. Configure a route map to permit the route.

F. Configure a distribute list in. Answer: AB NEW QUESTION 116 Which three statements about RIP timers are true? (Choose three.) A. The default update timer is 30 seconds. B. The default invalid timer is 180 seconds. C. The default holddown timer is 180 seconds. D. The default flush timer is 60 seconds. E. The default scan timer is 60 seconds. F. The default hello timer is 5 seconds. Answer: ABC NEW QUESTION 117 Which timer expiration can lead to an EIGRP route becoming stuck in active? A. hello B. active C. query D. hold Answer: B NEW QUESTION 118 Which three values can be used to tag external EIGRP routes? (Choose three.) A. The router ID of the router that redistributed the route B. The administrative distance of the external protocol C. The protocol ID of the external protocol D. The cost to reach the router that redistributed the route E. The metric from the external protocol F. The router ID of the router from which the external protocol route was learned Answer: ACE NEW QUESTION 119 Which data plane protocol does EIGRP Over the Top use? A. MPLS B. GRE C. LISP D. IP-in-IP Answer: C NEW QUESTION 120 Which statement about the feasible distance in EIGRP is true? A. It is the maximum metric that should feasibly be considered for installation in the RIB. B. It is the minimum metric to reach the destination as stored in the topology table. C. It is the metric that is supplied by the best next hop toward the destination. D. It is

the maximum metric possible based on the maximum hop count that is allowed. Answer: B



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